



Justin Buchanan

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EDUCATION

Georgia Institute of Technology, Atlanta, GA (*Expected Graduation May 2016*)

- Candidate for Bachelor of Science in Computer Science
- Coursework: Robotics, Networking, Digital Design, Signal Processing, Algorithms, Machine Learning
- Cumulative GPA: 3.79

SKILLS

Programming: C \ C++, Objective-C, Python, Ruby, Rails, Java, HTML, CSS, SQL
Software: git, Xcode, gdb, Autodesk Inventor, Microsoft Excel, Adobe Photoshop
Platforms: Linux, Mac OS X, Windows

EXPERIENCE

Google, New York, New York

SWE Intern - Prospective Search (May 2015 - Aug. 2015)

- * Designed and implemented an index for quickly matching documents against a large number of queries

BluMenlo, LLC, Atlanta, GA

VP of Engineering (Aug. 2012 - present)

- * Developed BluCheck, an iOS app for healthcare
- * Developed a Ruby on Rails server backend for BluCheck
- * Interviewed, hired, and coordinated developers to build the team

Apple Inc., Cupertino, CA

Software Intern (May - Aug. 2012)

- Worked on the iOS Apps & Frameworks team
- Presented project to Senior VP of iOS Software

RoboJackets, Georgia Tech

RoboCup Team Lead (June 2014 - June 2015)

RoboCup Software Lead (Aug. 2013 - present)

Vice President (Aug. 2012-Dec. 2012)

- Managed the teams that compete in BattleBots, RoboCup, IGVC, and FIRST
- Planned events for recruitment and member training
- Wrote software for the RoboCup team involving game strategy and low-level path planning and motion control. See github.com/RoboJackets/robocup-software for more info
- Worked on a team to design a battle bot robot using Autodesk Inventor
- Used a water-jet, CNC milling machine, lathe, and other tools

Independent iOS Development (2008-2013)

- Developed two iOS applications for sale in the App Store
- Created a website to support my applications

CS 1372 Teaching Assistant (Jan. - May 2012)

- Co-taught a class on C Programming to 50 students once a week
- Wrote and graded quizzes and homework assignments
- Held office hours twice a week to assist students with coursework

HONORS AND ACTIVITIES

Boy Scouts, Peachtree City, GA (*2004-2011*)

- Held numerous leadership positions including Vice President of Programs, Troop Guide, and Patrol Leader
- Earned the Eagle Rank February 2010

Kappa Sigma Fraternity, Georgia Tech Chapter

Pledge Class President (Aug.-Nov. 2011)

- Ensured that our pledge class (20 people) completed assigned tasks effectively and on time
- Planned pledge project and fall retreat, as well as various philanthropy events such as Relay for Life and Tech Beautification Day